

SEQUENCE LISTING

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<120> POLYMERASE INHIBITOR AND METHOD OF USING SAME

<130> 023542-0145

<140> 10/551,705

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<151> 2004-04-01

<150> 60/459,672

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<160> 37

<170> PatentIn version 3.5

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<222> (2)..(2)

<223> iso-c

<400> 1

tngatagcaa caattcatct acaga

25

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24

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 acccatttct taacttatcc caagatagga cttctgtaca 100

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 <222> (10)..(10)
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 gtataataac 10

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 <222> (14)..(14)
 <223> dideoxy-c

<400> 6
gtataataac ggac

14

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15

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<222> (51)..(51)
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51

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<222> (2)..(2)
<223> 2'-O-methylcytosine

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<222> (3)..(3)
<223> 2'-O-methylthymine

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<222> (4)..(4)
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<222> (5)..(5)
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<222> (6)..(6)
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<222> (8)..(9)
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<222> (10)..(10)
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51

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<222> (26)..(26)
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gctgtctggt ccgtcagttt tctgac 26

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<222> (32)..(32)
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<400> 12
gctgtctggt ccgcgtcacg ttttcgtgac gc 32

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<222> (32)..(32)
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<400> 13
gctgtctggt ccgttattat ttttataata ac 32

<210> 14
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 <222> (32)..(32)
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<210> 15
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 <222> (28)..(28)
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 gctgtctggt ccgtcatggt ttcattgac 28

<210> 16
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<400> 16
 gctgtctggt ccgtcatatt tttatgac 28

<210> 17
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<222> (36)..(36)

<223> dideoxy-c

<400> 17

gctgtctggt ccgttattat atttttatat aataac

36

<210> 18

<211> 36

<212> DNA

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<222> (36)..(36)

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gctgtctggt ccgttattat acttttgtat aataac

36

<210> 19

<211> 39

<212> DNA

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>

<221> modified_base

<222> (19)..(19)

<223> iso-c

<220>

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<222> (20)..(20)

<223> iso-g

<400> 19

cacgacaggc agacaggann gctcacgttt tcgtgagct

39

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 <222> (13)..(14)
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<400> 20
 cacacaggag cannagctca cgttttcgtg agct 34

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 <222> (11)..(12)
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<400> 21
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<400> 22
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<210> 23
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<400> 23
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<210> 24
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<400> 24
 gctgtctggt nncgactcga cgtttttcgtc gagtcg 36

<210> 25
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<220>
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 <222> (34)..(34)
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 <222> (35)..(35)
 <223> 2'-O-methylcytosine

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 <222> (36)..(36)
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<400> 25
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<400> 26
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<210> 27
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<210> 29
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22

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23

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22

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14